

Table of Contents

Chapter 296-155 WAC Construction Work

Part A

General Safety and Health Provisions.

Foreword.

296-155-001

Subsections, subdivisions, items, subitems, and segments

296-155-003

Purpose and scope.

296-155-005

Equipment approved by nonstate agency or organization.

296-155-006

Incorporation of standards of national organization.

296-155-007

Incorporation of standards of federal agency.

296-155-008

Equipment whether or not owned by, or under the control of the employer.

296-155-009

Variance and procedure

296-155-010

Definitions applicable to all sections of this chapter.

296-155-012

Education and first-aid standards.

296-155-115

Housekeeping.

296-155-020

Acceptable certifications.

296-155-030

General requirements.

296-155-035

Safe place standards.

296-155-040

Part B-1

Occupational Health and Environmental Control.

Management's responsibility.

296-155-100

Employee's responsibility.

296-155-105

Accident prevention program.

296-155-110

Safety bulletin board.

296-155-115

First-aid training and certification.

296-155-120

First-aid kit.

296-155-125

First-aid station.

296-155-130

Sanitation.

296-155-140

Occupational noise exposure.

296-155-145

Ionizing radiation.

296-155-150

Nonionizing radiation.

2961-55-155

Gases, vapors, fumes, dusts, and mists.

296-155-160

Lighting and illumination.

296-155-165

Ventilation.

296-155-170

Methylenedianline.

296-155-173

Scope and application.

296-155-17301

Definitions.

296-155-17303

Permissible exposure limits.

296-155-17305

Communication among employers.

296-155-17307

Emergency situations.

296-155-17309

Exposure monitoring.

296-155-17311

Regulated areas.

296-155-17313

Methods of compliance.

296-155-17315

Respiratory protection.

296-155-17317

Protective work clothing and equipment.

296-155-17319

Hygiene facilities and practices.

296-155-17321

Communication of hazards to employees.

296-155-17323

Housekeeping.

296-155-17325

Medical surveillance.

296-155-17327

Medical removal.

296-155-17329

Recordkeeping.

296-155-17331

Observation of monitoring.

296-155-17333

Appendices.

296-155-17337

Startup dates.

296-155-17339

Appendix A to WAC 296-155-173-Substance data sheet, for 4-4'-Methylenedianiline.

296-155-17341

Appendix B to WAC 296-155-173-Substance technical guidelines, MDA.

296-155-17343

Appendix C to WAC 296-155-173-Medical surveillance guidelines for MDA.

296-155-17345

Appendix D to AWC 296-155-173-Sampling and analytical methods for MDA monitoring and measurement procedures.

296-155-17347

Cadmium.

296-155-174

Lead.

296-155-176

Scope.

296-155-17603

Definitions.

296-155-17605

Permissible exposure limit.

296-155-17607

Exposure assessment.

296-155-17609

Methods of compliance.

296-155-17611

Respiratory protection.

296-155-17613

Protective work clothing and equipment.

296-155-17615

Housekeeping.

296-155-17617

Hygiene facilities and practices.

296-155-17619

Medical surveillance.

296-155-17621

Medical removal protection.

296-155-17623

Employee information and training.

296-155-17625

Signs.

296-155-17627

Recordkeeping.

296-155-17629

Observation of monitoring.

296-155-17631

Appendix A to WAC 296-155-176-Substance data sheet for occupational exposure to lead.

296-155-17650

Appendix B to WAC 296-155-176-Employee standard summary.

296-155-17652

Appendix C to WAC 296-155-176-Medical surveillance guidelines.

296-155-17654

Part B-2

Hazard Communication.

Hazard communication-General.

296-155-180

Part C

Personal Protective and Life Saving Equipment.

General requirements.

296-155-200

Definitions applicable to this chapter.

296-155-201

Confined spaces.

296-155-203

Definitions.

296-155-20301

Confined space work on sewer systems under construction.

296-155-20307

Head protection.

296-155-205

Hearing protection.

296-155-210

Leg protection.

296-155-211

Eye and face protection.

296-155-215

Respiratory protection.

296-155-220

Working over or adjacent to water.

296-155-235

Sterilization of protective equipment.

296-155-240

Part C-1

Fall Restraint and Fall Arrest.

Reserved.

296-155-245

Scope and application.

296-155-24501

Definitions.

296-155-24503

Fall protection work plan.

296-155-24505

Reserved.

296-155-24507

Fall restraint, fall arrest systems.

296-155-24510

Guarding of low pitched roof perimeters.

296-155-24515

Reserved.

296-155-24519

Leading edge control zone.

296-155-24520

Safety monitor system.

296-155-24521

Reserved.

296-155-24522

Appendix A to Part C-1-Determining roof widths nonmandatory guidelines for complying with WAC 296-155-24515(2)(b).

296-155-24523

Reserved.

296-155-24524

Appendix B to Part C-1-Fall restraint and fall arrest (employer information only).

296-155-24525

Part D

Fire Protection and Prevention.

Definitions applicable to this part.

296-155-250

Fire protection.

296-155-260

Fire prevention.

296-155-265

Flammable and combustible liquids.

296-155-270

Liquefied petroleum gas (LP-gas).

296-155-275

Temporary heating devices.

296-155-280

Part E

Signs, Signals and Barricades.

Accident prevention signs and tags.

296-155-300

Signaling and flaggers.

296-155-305

Barricades.

296-155-310

Definitions applicable to this part.

296-155-315

Part F

Material Handling, Storage, Use and Disposal.

General requirements for storage.

296-155-325

Qualified person-Rigging.

296-155-329

Rigging equipment for material handling.

296-155-330

Disposal of waste materials.

296-155-335

Part G

Tools-Hand and Power.

General requirements.

296-155-350

Hand tools.

296-155-355

Power-operated hand tools.

296-155-360

Safety requirements for power actuated fastening systems, in accordance with ANSI A10.3-1985, Safety Requirements for Power Actuated Fastening Systems.

296-155-363

Scope.

296-155-36301

Purpose.

296-155-36303

Definitions applicable to this section.

296-155-36305

Requirements.

296-155-36307

Power loads.

296-155-36309

Fasteners.

296-155-36311

Operation.

296-155-36313

Limitations of use.

296-155-36315

Maintenance and storage.

296-155-36317

Authorized instructor.

296-155-36319

Qualified operator.

296-155-36321

Abrasive wheels and tools.

296-155-365

Masonry saws.

296-155-367

Woodworking tools.

296-155-370

Jacks-Lever and ratchet, screw, and hydraulic.

296-155-375

Air receivers.

296-155-380

Part H

Welding and Cutting.

Gas welding and cutting.

296-155-400

Arc welding and cutting.

296-155-405

Protective clothing.

296-155-407

Fire prevention.

296-155-410

Ventilation and protection in welding, cutting, and heating.

296-155-415

Welding, cutting, and heating in way of preservative coatings.

296-155-420

Part I

Electrical.

Introduction.

296-155-426

General requirements.

296-155-428

Lockout and tagging of circuits.

296-155-429

Maintenance of equipment.

296-155-432

Environmental deterioration of equipment.

296-155-434

Batteries and battery charging.

296-155-437

Applicability.

296-155-441

General requirements.

296-155-444

Wiring design and protection.

296-155-447

Wiring methods, components, and equipment for general use.

296-155-449

Specific purpose equipment and installations.

296-155-452

Hazardous (classified) locations.

296-155-456

Special systems.

296-155-459

Definitions applicable to this part.

296-155-462

Part J

Stairways and Ladders.

Scope and application.

296-155-475

Definitions applicable to this part.

296-155-47501

General requirements.

296-155-476

Stairways.

296-155-477

Ladders.

296-155-480

Training requirements.

296-155-48060

Appendix A.

296-155-48080

Reserved.

296-155-48090

Part J-1

Scaffolds.

Scope and application.

296-155-481

Definitions applicable to this part.

296-155-482

General requirements.

296-155-483

Additional requirements applicable to specific types of scaffolds.

296-155-484

Reserved.

296-155-485

Manually propelled elevating work platforms.

296-155-487

Self propelled elevating work platforms.

296-155-488

Boom supported elevating work platforms.

296-155-489

Aerial lifts.

296-155-490

Training.

296-155-493

Nonmandatory Appendix A to Part J-1-Scaffold Specifications.

296-155-494

Nonmandatory Appendix C to Part J-1-List of National Consensus Standards.

296-155-496

Nonmandatory Appendix D to Part J-1-List of Training Topics for Scaffold Erectors and Dismantlers.

296-155-497

Nonmandatory Appendix E to Part J-1-Drawings and Illustrations.

296-155-498

Part K

Floor Openings, Wall Openings and Stairways.

Definitions applicable to this part.

296-155-500

Guardrails, handrails and covers.

296-155-505

Roofing brackets.

296-155-50503

Reserved.

296-155-50505

Reserved.

296-155-510

Ramps, runways, and inclined walkways.

296-155-515

Part L

Cranes, Derricks, Hoists, Elevators, and Conveyors.

Cranes and derricks.

296-155-525

Crane attached personnel platforms.

296-155-526

Appendix A to WAC 296-155-525.

296-155-527

Crane or derrick suspended personnel platform.

296-155-528

Material hoists, personnel hoists, and elevators.

296-155-530

Base-mounted drum hoists.

296-155-535

Overhead hoists.

296-155-540

Conveyors.

296-155-545

Aerial cableways.

296-155-550

Gin poles.

296-155-555

Concrete bucket towers.

296-155-560

Hoisting engines.

296-155-565

Rigging-Wire rope.

296-155-570

Helicopters and helicopter cranes.

296-155-575

Part M

Motor Vehicles, Mechanized Equipment, and Marine Operations

Definitions applicable to this part.

296-155-600

Equipment.

296-155-605

Motor vehicles.

296-155-610

Material handling equipment.

296-155-615

Servicing multipiece and single-piece rim wheels.

296-155-617

Scope.

296-155-61701

Definitions.

296-155-61703

Employee training.

296-155-61705

Tire servicing equipment.

296-155-61707

Wheel component acceptability.

296-155-61709

Safe operating procedure-Multipiece rim wheels.

296-155-61711

Safe operating procedure-Single-piece rim wheels.

296-155-61713

Pile driving equipment.

296-155-620

Site clearing.

296-155-625

Marine operations and equipment.

296-155-630

Part N

Excavation, Trenching, and Shoring.

Scope, application, and definitions applicable to this part.

296-155-650

General protection requirements.

296-155-655

Requirements for protective systems.

296-155-657

Reserved.

296-155-66103

Reserved.

296-155-66105

Reserved.

296-155-66109

Appendices.

296-155-664

Appendix A-Soil classification.

296-155-66401

Appendix B-Sloping and benching.

296-155-66403

Appendix C-Timber shoring for trenches.

296-155-66405

Appendix D-Aluminum hydraulic shoring for trenches.

296-155-66407

Appendix E-Alternatives to timber shoring.

296-155-66409

Appendix F-Selection of protective systems.

296-155-66411

Part O

Concrete, Concrete Forms, Shoring, and Masonry Construction

Scope, application, and definitions applicable to this part.

296-155-675

General provisions.

296-155-680

Safe walking surfaces on concrete structural members.

296-155-681

Requirements for equipment and tools.

296-155-682

Concrete finishing.

296-155-683

Requirements for cast in place concrete.

296-155-684

Tubular welded frame shoring.

296-155-685

Tube and coupler shoring.

296-155-686

Single post shores.

296-155-687

Vertical slip forms.

296-155-688

Placing and removal of forms.

296-155-689

Appendix to WAC 296-155-684-Cast in place concrete.

296-155-690

Precast concrete and tilt-up operations.

296-155-691

Requirements for lift-slab construction operations.

296-155-694

Miscellaneous concrete construction.

296-155-695

Requirements for masonry construction.

296-155-697

Appendix A to Part O-References to Part O of Chapter 296-155 WAC.

296-155-699

Part P

Steel Erection.

General requirements.

296-155-700

Flooring requirements.

296-155-705

Structural steel assembly.

296-155-710

Bolting, riveting, fitting-up, and plumbing-up.

296-155-715

Safe walking surfaces on structural members.

296-155-720

Part Q

Underground Construction.

Definitions applicable to this part.

296-155-725

Tunnels and shafts.

296-155-730

Caissons.

296-155-735

Cofferdams.

296-155-740

Compressed air.

296-155-745

Appendix A-Decompression tables.

296-155-74501

Part R

Miscellaneous Construction Requirements.

Roofing, insulating and waterproofing.

296-155-755

Rock crushing, gravel washing, and hot mix plants.

296-155-765

Moving of structures.

296-155-770

Part S

Demolition.

Preparatory operations.

296-155-775

Stairs, passageways, and ladders.

296-155-780

Chutes.

296-155-785

Removal of materials through floor openings.

296-155-790

Removal of walls, masonry sections, and chimneys.

296-155-795

Manual removal of floors.

296-155-800

Removal of walls, floors, and material with equipment.

296-155-805

Catch platforms.

296-155-810

Storage.

296-155-815

Removal of steel construction.

296-155-820

Mechanical demolition.

296-155-825

Selective demolition by explosive.

296-155-830

Part T

Possession, Handling, and Use of Explosives

Refer to Chapter 296-52 WAC.

Part U

Power Distribution and Transmission Lines.

Refer to Chapter 296-45 WAC.

Part V

Rollover Protective Structures and Overhead Protection.

Rollover protective structures (ROPS) for material handling equipment.

296-155-950

Minimum performance criteria for ROPS for designated scrapers, loaders, dozers, graders, and crawler tractors.

296-155-955

Protective frame (ROPS) test procedures and performance requirements for wheel-type agricultural and industrial tractors used in construction.

296-155-960

Overhead protection for operators of agricultural and industrial tractors.

296-155-965